

Utah Monthly Communicable Disease Report

August 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, August 2017

Disease/Condition	Aug 2017	5-yr Aug avg+	2017 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	2	U	44	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	1	0.0
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.6	1	4.6
foodborne	0	0.0	0	0.4
infant	0	0.6	1	4.2
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.6
Campylobacteriosis	61	54.0	419	349.6
Chickenpox	12	10.6	137	160.6
Chlamydia	953	713.0	6733	5486.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	1	4.4	37	32.6
Colorado tick fever	0	0.0	0	0.4
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.8	3	2.6
Cryptosporidiosis	15	25.4	82	88.4
Cyclosporiasis	0	0.0	8	1.6
Dengue	0	0.8	0	2.6
Ehrlichiosis/Anaplasmosis	0	0.0	1	0.4
Encephalitis	0	0.4	3	2.4
Enterobacter species resistant to carbapenems	6	U	35	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	1	U	9	U
Giardiasis	36	33.8	137	150.6
Gonorrhea	237	127.0	1658	806.2
HIV infection	68	27.0	738	156.4
Haemophilus influenzae, all ages, invasive disease	0	2.2	41	28.6
nonserotype B, age < 5 years	0	0.0	5	1.0
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	0	0.0	5	1.4
Hansen's disease (Leprosy)	0	0.0	0	0.4
Hantavirus pulmonary syndrome	0	0.0	0	1.2
Hemolytic uremic syndrome, post-diarrheal	1	0.8	9	4.2
Hepatitis A	11	0.2	27	6.6
Hepatitis B, acute	0	1.0	6	6.4
Hepatitis B, chronic	29	27.0	208	194.0
Hepatitis C, acute	2	2.4	27	22.2
Hepatitis C, chronic	176	143.2	1438	1060.8
Hepatitis, other viral	0	0.4	0	1.0
Influenza-associated hospitalizations§	5	1.8	971	652.2
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	1	U	15	U
Legionellosis	1	2.0	17	16.4
Leptospirosis	0	0.0	0	0.4
Listeriosis	0	0.4	2	1.6

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	0	2.0	11	10.0
Malaria	1	1.2	4	4.6
Measles	0	0.0	3	1.0
Meningitis, aseptic	5	4.2	27	25.2
Meningitis, bacterial, other	0	1.6	16	10.0
Meningitis, viral	7	5.2	29	21.6
Meningococcal disease (Neisseria meningitidis)	0	0.2	1	2.8
Mumps	1	0.2	35	1.6
Pertussis	11	81.2	276	661.4
Plague	0	0.2	0	0.2
Q fever	0	0.6	0	3.0
Rabies, animal	0	5.8	4	10.6
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.2
Rubella	0	0.0	0	0.2
Salmonellosis	33	46.2	289	245.4
Shiga toxin-producing Escherichia coli (STEC) infection	23	16.2	81	61.8
Shigellosis	3	3.8	22	26.2
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.6	0	4.6
Streptococcal disease, invasive, group A	6	6.4	38	78.0
Streptococcal disease, invasive, group B	10	13.0	71	75.6
Streptococcal disease, invasive, other	32	26.6	279	204.0
Streptococcus pneumoniae, invasive disease	7	7.0	128	133.0
age < 5 years	0	0.4	14	14.6
Syphilis, early (infection < 12 months)	7	10.6	94	67.2
primary & secondary	4	7.8	53	44.8
early latent	3	2.8	41	22.4
Syphilis, latent (infection > 12 months)	2	4.6	45	37.8
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.4	12	15.2
Trichinellosis	0	0.0	0	0.2
Tuberculosis, active	2	3.6	21	21.8
Tularemia	1	0.0	2	2.6
Typhoid fever	0	0.0	0	0.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	4	0.8	12	3.6
West Nile virus, total	21	3.2	25	3.8
neuroinvasive disease	11	2.2	12	2.2
nonneuroinvasive disease	10	1.0	13	1.6
Zika Virus Disease	0	U	3	U

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